

Applicant : Thomas Flynn
Appl. No. : 09/614,496
Examiner : Nguyen, Tu X
Docket No. : 7002013.2 (formerly 255/087)

IN THE CLAIMS

1. (Original) A cabinet for underground storage of wireless telecommunications equipment, comprising
an enclosure,
a self contained air conditioning unit mounted within the enclosure, the air conditioning unit being adapted to cool and circulate the air within the enclosure,
a water evacuation system mounted within the enclosure, the evacuation system including a one-way pressure actuated exhaust valve, and
a weight assisted rack assembly for mounting electronic components within the enclosure.
2. (Original) The cabinet of claim 1, wherein the enclosure is formed as a metal weldment.
3. (Original) The cabinet of claim 2, wherein the metal weldment is constructed from stainless steel.
4. (Currently Amended) The cabinet of claim 2, wherein the enclosure is ~~about~~ two feet wide, two to five feet long, and four feet deep.
5. (Original) The cabinet of claim 1 wherein the air conditioning unit includes a low profile heat exchanger mounted external to the enclosure.
6. (Original) The cabinet of claim 5 further comprising a vent cage surrounding the heat exchanger and attached to the enclosure.
7. (Original) The cabinet of claim 6 further comprising filter material mounted in the upper portion of the cage above the heat exchanger.
8. (Original) The cabinet of claim 1 wherein the enclosure is submergeable under water without leakage of water into enclosure.

Applicant : Thomas Flynn
Appl. No. : 09/614,496
Examiner : Nguyen, Tu X
Docket No. : 7002013.2 (formerly 255/087)

9. (Original) The cabinet of claim 1 wherein the evacuation system includes a sump pump mounted in the bottom portion of the enclosure, the sump pump being in fluid communication with the exhaust valve.
10. (Original) The cabinet of claim 1 wherein the exhaust valve includes a valve body and a valve cap slidably attached to the valve body, the valve cap being extendable to a position flush with a top surface of the enclosure.
11. (Original) The cabinet of claim 1 wherein the rack assembly includes a pulley and weight system connected to the rack, the pulley and weight system including sufficient weight to draw the rack up and rise out of the enclosure.
12. (Original) An antenna site for wireless telecommunications comprising a vertical structure such as a light standard or road sign, an antenna mounted atop of the vertical structure, and a cabinet housing transceiver circuitry in electrical communication with the antenna, the cabinet being buried underground, the cabinet including a water evacuation system comprising a one-way pressure actuated valve.
13. (Original) The antenna site of claim 12 wherein the cabinet is submergeable under water without leakage of water into the cabinet.
14. (Original) The antenna site of claim 12 wherein the evacuation system includes a sump pump mounted in the bottom portion of the cabinet, the sump pump being in fluid communication with the exhaust valve.
15. (Original) The antenna site of claim 12 wherein the exhaust valve includes a valve body and a valve cap slidably attached to the valve body, the valve cap being extendable to a position flush with a top surface of the cabinet.

Applicant : Thomas Flynn
Appl. No. : 09/614,496
Examiner : Nguyen, Tu X
Docket No. : 7002013.2 (formerly 255/087)

16. (Original) The antenna site of claim 12, wherein the cabinet is formed as a stainless steel weldment.

17. (Currently Amended) The antenna site of claim 16, wherein the cabinet is ~~about~~ two feet wide by two to five feet long by four feet deep.

18. (Original) The antenna site of claim 12 wherein the cabinet comprises a self contained air conditioning unit mounted within the cabinet, the air conditioning unit being adapted to cool and circulate the air within the cabinet

19. (Original) The antenna site of claim 18 wherein the air conditioning unit includes a low profile heat exchanger mounted external to the cabinet.

20. (Original) The antenna site of claim 12 further comprising a weight assisted rack assembly for mounting electronic components within the cabinet.